

Notice of Allowability

Application No.

10/681,409

Examiner

Caroline Arcos

Applicant(s)

LEYMANN ET AL.

Art Unit

2195

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/12/2007.
2. ☒ The allowed claim(s) is/are 1-3,6,7,9, and 10, now renumbered as claims 1-7.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☒ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 02102469.0.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Scott D. Paul on 11/20/2007.
3. The following claims has been amended:
 1. (currently amended) A computerized method for resource handling within a Workflow Management System (WFMS), said WFMS administrating execution of a process-model of a business-process and wherein said process-model of the business-process comprising at least a first activity and a second activity, said method comprising the steps of:

determining said process-model of the business-process comprises a first resource-specification associated with said second activity, said first resource-specification comprising:

at least one first resource-identification of a first resource required for execution of said second activity, and

an assumed first waiting time period for said second-activity

specifying a time required after an a first allocation request until said first resource is actually available for said second activity, and

requesting allocation of said first resource on behalf of and at least said assumed first waiting time period in advance of starting execution of said second activity, and

monitoring within said requesting allocation step an actual waiting time period required after said allocation request until said first resource is available,

updating said assumed waiting time period to a new assumed waiting time period in said process-model of the business- process based on said actual waiting time period; and

starting execution of said first activity followed by said second activity.

2. The computerized method for resource handling according to claim 1, wherein in said starting step said second activity is not started before said first resource has been allocated successfully.

3. The computerized method for resource handling according to claim 1, wherein said first resource-specification comprises an identification of an execution-environment responsible for administering said first resource, and

said allocation request of said first resource is requested from said execution- environment.

Claim 4 (Cancelled)

Claim 5 (cancelled)

6. (currently amended) The computerized method for resource handling according to claim ~~5~~ 1, wherein said updating is using one of the following strategies;

using said actual waiting time period as new assumed waiting time period,

or

determining a new assumed waiting time period based on a statistical measure employing said actual waiting time period.

7. (currently amended) A computer system having processor comprising means ~~adapted~~ for carrying out the steps of the method according to anyone of the preceding claims ~~1 to 6~~ 1,2,3 or 6.

Claim 8 (Cancelled)

9. (currently amended) A computer program product stored on a computer ~~usable~~ storage medium, comprising computer readable program means for causing a computer to perform a method according to anyone of the preceding claims ~~1 to 6~~ 1, 2, 3 or 6 when said program is run on said computer.

10. (currently amended) The computerized method for resource handling according to claim 1, further comprising

determining said process-model of the business method comprises a second resource specification associated with a third activity, said second resource-specification comprising:

the first resource-identification of the first resource required for execution of said third activity, and

a second assumed waiting time period specifying a second time required after a second allocation request until said first resource is actually available for said third activity; and

scheduling said first resource for use by said ~~first~~ second activity and said third activity based upon said first and second assumed waiting times.

Conclusion

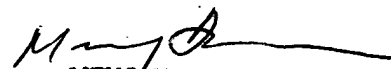
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Caroline Arcos whose telephone number is 571-270-3151. The examiner can normally be reached on Monday-Thursday 7:00 AM to 5:30 PM.
5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Caroline Arcos
Patent Examiner
Art unit 2195



MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100